

Building Site Development

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Jackson County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
11B: Colo-----	65	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
Ely-----	35	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Very limited Depth to saturated zone	0.95	Not limited	
27B: Terril-----	100	Very limited Low strength Frost action	1.00 0.50	Somewhat limited Depth to saturated zone	0.16	Not limited	
41B: Sparta-----	100	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.05
41C: Sparta-----	100	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.05
41D: Sparta-----	100	Somewhat limited Slope	0.63	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope Droughty	0.63 0.05
63B: Chelsea-----	95	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.37
63C: Chelsea-----	95	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.37
63D: Chelsea-----	100	Somewhat limited Slope	0.63	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope Droughty	0.63 0.37

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
63F: Chelsea-----	100	Very limited Slope	1.00	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope Droughty	1.00 0.37
65E2: Lindley-----	90	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
65F2: Lindley-----	90	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
110C2: Lamont-----	100	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
118: Garwin-----	100	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
119B: Muscatine-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Very limited Depth to saturated zone	0.95	Not limited	
120B: Tama-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
120B2: Tama-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
120C: Tama-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
120C2: Tama-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
120D2: Tama-----	95	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
128: Chaseburg-----	60	Very limited Frost action Flooding	1.00 1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
Perks-----	30	Very limited Flooding	1.00	Very limited cutbanks cave Flooding	0.90 0.60	Very limited Droughty Flooding	1.00 0.60
129B: Chaseburg-----	50	Very limited Frost action Flooding	1.00 1.00	Somewhat limited Flooding	0.80	Very limited Flooding	1.00
Arenzville-----	40	Very limited Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 0.50	Somewhat limited Flooding Depth to saturated zone	0.80 0.35	Very limited Flooding	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
133: Colo-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
142: Chaseburg-----	95	Very limited Frost action Flooding	1.00 1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
158: Dorchester-----	95	Very limited Frost action Flooding	1.00 1.00	Somewhat limited Depth to saturated zone Flooding	0.61 0.60	Somewhat limited Flooding	0.60
159B: Finchford-----	100	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.61
162B: Downs-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
162B2: Downs-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
162C: Downs-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
162C2: Downs-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
162D: Downs-----	100	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
162D2: Downs-----	90	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
162D3: Downs-----	95	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
162E2: Downs-----	90	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
162E3: Downs-----	95	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
162F2: Downs-----	90	Very limited Slope Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
163B: Fayette-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
163C: Fayette-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
163C2: Fayette-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
163D: Fayette-----	95	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
163D2: Fayette-----	90	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
163D3: Fayette-----	90	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
163E: Fayette-----	95	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
163E2: Fayette-----	90	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
163E3: Fayette-----	90	Very limited Frost action Low strength Slope Shrink-swell	 1.00 1.00 1.00 0.50	Very limited Slope	 1.00	Very limited Slope	 1.00
163F: Fayette-----	95	Very limited Slope Frost action Low strength Shrink-swell	 1.00 1.00 1.00 0.50	Very limited Slope	 1.00	Very limited Slope	 1.00
163F2: Fayette-----	90	Very limited Slope Frost action Low strength Shrink-swell	 1.00 1.00 1.00 0.50	Very limited Slope	 1.00	Very limited Slope	 1.00
163F3: Fayette-----	90	Very limited Slope Frost action Low strength Shrink-swell	 1.00 1.00 1.00 0.50	Very limited Slope	 1.00	Very limited Slope	 1.00
163G: Fayette-----	95	Very limited Slope Frost action Low strength Shrink-swell	 1.00 1.00 1.00 0.50	Very limited Slope	 1.00	Very limited Slope	 1.00
175B: Dickinson-----	100	Somewhat limited Frost action	 0.50	Very limited cutbanks cave	 0.90	Not limited	
175C2: Dickinson-----	100	Somewhat limited Frost action	 0.50	Very limited cutbanks cave	 0.90	Not limited	
198B: Floyd-----	95	Very limited Frost action	 1.00	Very limited Depth to saturated zone	 0.95	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
249: Zwingle-----	95	Very limited Depth to saturated zone Low strength Shrink-swell Frost action	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey	1.00 0.41	Very limited Depth to saturated zone	1.00
291B: Atterberry-----	95	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	1.00 1.00 0.50 0.19	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
293C2: Fayette-----	45	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
Lamont-----	30	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
Chelsea-----	20	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.37
293D: Fayette-----	45	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
Lamont-----	30	Somewhat limited Slope Frost action	0.63 0.50	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope	0.63
Chelsea-----	20	Somewhat limited Slope	0.63	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope Droughty	0.63 0.37

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
293D2: Fayette-----	45	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
Lamont-----	30	Somewhat limited Slope Frost action	0.63 0.50	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope	0.63
Chelsea-----	20	Somewhat limited Slope	0.63	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope Droughty	0.63 0.37
293E2: Fayette-----	45	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
Lamont-----	30	Very limited Slope Frost action	1.00 0.50	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope	1.00
Chelsea-----	20	Very limited Slope	1.00	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope Droughty	1.00 0.37
293F: Fayette-----	45	Very limited Slope Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
Lamont-----	30	Very limited Slope Frost action	1.00 0.50	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope	1.00
Chelsea-----	20	Very limited Slope	1.00	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope Droughty	1.00 0.37

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
293F2: Fayette-----	45	Very limited Slope Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
Lamont-----	30	Very limited Slope Frost action	1.00 0.50	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope	1.00
Chelsea-----	20	Very limited Slope	1.00	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope Droughty	1.00 0.37
293G: Fayette-----	45	Very limited Slope Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
Lamont-----	30	Very limited Slope Frost action	1.00 0.50	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope	1.00
Chelsea-----	20	Very limited Slope	1.00	Very limited Slope cutbanks cave	1.00 0.90	Very limited Slope Droughty	1.00 0.37
320: Arenzville-----	95	Very limited Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 0.50	Somewhat limited Flooding Depth to saturated zone	0.60 0.35	Somewhat limited Flooding	0.60
352B: Whittier-----	100	Very limited Low strength Frost action	1.00 0.50	Very limited cutbanks cave	0.90	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
354: Aquolls-----	100	Very limited Not Rated (miscellaneous unit) Depth to saturated zone Low strength	1.00 1.00 1.00	Very limited Depth to saturated zone Not Rated (miscellaneous unit)	1.00 1.00	Very limited Depth to saturated zone Not Rated (miscellaneous unit)	1.00 1.00
377B: Dinsdale-----	100	Very limited Frost action Low strength	1.00 0.22	Somewhat limited Depth to saturated zone	0.16	Not limited	
377B2: Dinsdale-----	100	Very limited Frost action Low strength	1.00 0.22	Somewhat limited Depth to saturated zone	0.16	Not limited	
412C: Emeline-----	90	Very limited Depth to hard bedrock Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Depth to hard bedrock	1.00	Very limited Depth to bedrock Droughty Content of large stones	1.00 1.00 0.01
412D: Emeline-----	95	Very limited Depth to hard bedrock Low strength Slope Shrink-swell Frost action	1.00 1.00 0.63 0.50 0.50	Very limited Depth to hard bedrock Slope	1.00 0.63	Very limited Depth to bedrock Droughty Slope Content of large stones	1.00 1.00 0.63 0.01

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
412F: Emeline-----	95	Very limited Depth to hard bedrock Slope Low strength Shrink-swell Frost action	1.00 1.00 1.00 1.00 0.50 0.50	Very limited Depth to hard bedrock Slope	1.00 1.00 1.00	Very limited Depth to bedrock Droughty Slope Content of large stones	1.00 1.00 1.00 0.01
420B: Tama-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
428B: Ely-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Very limited Depth to saturated zone	0.95	Not limited	
450B: Pillot-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Very limited cutbanks cave	0.90	Not limited	
450C2: Pillot-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Very limited cutbanks cave	0.90	Not limited	
462B: Downs-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
463B: Fayette-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
463C: Fayette-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
463C2: Fayette-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
478G: Nordness-----	50	Very limited Depth to hard bedrock Slope Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to hard bedrock Slope Too clayey	1.00 1.00 0.02	Very limited Depth to bedrock Slope Droughty	1.00 1.00 0.49
Rock Outcrop-----	40	Not rated		Not rated		Not rated	
480C2: Orwood-----	95	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
480D2: Orwood-----	90	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
480F2: Orwood-----	90	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
482B: Racine-----	100	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone	0.16	Not limited	
482C2: Racine-----	100	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone	0.16	Not limited	
484: Lawson-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Depth to saturated zone	0.19				
487B: Worthen-----	50	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
Otter-----	40	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Frost action	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Flooding	1.00				
		Low strength	1.00				
488C2: Newvienna-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.90	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
488D2: Newvienna-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.90	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63		
		Slope	0.63				
		Shrink-swell	0.50				

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488D3: Newvienna-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.90	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63		
		Slope	0.63				
		Shrink-swell	0.50				
488E2: Newvienna-----	95	Very limited Frost action	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Depth to saturated zone	0.90		
		Slope	1.00				
		Shrink-swell	0.50				
488E3: Newvienna-----	100	Very limited Frost action	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Depth to saturated zone	0.90		
		Slope	1.00				
		Shrink-swell	0.50				
490: Caneek-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Frost action	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Flooding	1.00				
		Low strength	0.22				
496B: Dorchester-----	50	Very limited Frost action	1.00	Somewhat limited Flooding	0.80	Very limited Flooding	1.00
		Flooding	1.00	Depth to saturated zone	0.61		
Volney-----	40	Very limited Flooding	1.00	Somewhat limited Flooding	0.80	Very limited Flooding	1.00
		Content of large stones	0.12	Depth to dense layer	0.50	Content of large stones	0.92
				Content of large stones	0.12	Gravel content	0.01

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Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
499D: Nordness-----	85	Very limited Depth to hard bedrock Low strength Shrink-swell Slope	1.00 1.00 0.50 0.16	Very limited Depth to hard bedrock Slope Too clayey	1.00 0.16 0.02	Very limited Depth to bedrock Droughty Slope	1.00 0.49 0.16
499F: Nordness-----	85	Very limited Depth to hard bedrock Low strength Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Depth to hard bedrock Slope Too clayey	1.00 1.00 0.02	Very limited Depth to bedrock Slope Droughty	1.00 1.00 0.49
520: Coppock-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
523E2: Rozetta-----	60	Very limited Frost action Slope Low strength	1.00 1.00 0.78	Very limited Slope Depth to saturated zone	1.00 0.15	Very limited Slope	1.00
Derinda-----	30	Very limited Low strength Slope Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope Depth to soft bedrock Depth to saturated zone Too clayey	1.00 0.46 0.16 0.01	Very limited Slope Depth to bedrock	1.00 0.46
523F2: Rozetta-----	60	Very limited Slope Frost action Low strength	1.00 1.00 0.78	Very limited Slope Depth to saturated zone	1.00 0.15	Very limited Slope	1.00

Building Site Development

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Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Derinda-----	30	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Depth to soft bedrock	0.46	Depth to bedrock	0.46
		Shrink-swell	0.50	Depth to saturated zone	0.16		
		Frost action	0.50	Too clayey	0.01		
523F3: Rozetta-----	60	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	1.00	Depth to saturated zone	0.15		
		Low strength	1.00				
		Shrink-swell	0.50				
Derinda-----	30	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Depth to soft bedrock	0.46	Depth to bedrock	0.46
		Shrink-swell	0.50	Depth to saturated zone	0.16		
		Frost action	0.50	Too clayey	0.01		
589: Otter-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Frost action	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Flooding	1.00				
		Low strength	1.00				
623D2: Rozetta-----	90	Very limited Frost action	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Low strength	0.78	Depth to saturated zone	0.15		
		Slope	0.63				
623D3: Rozetta-----	100	Very limited Frost action	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Low strength	1.00	Depth to saturated zone	0.15		
		Slope	0.63				
		Shrink-swell	0.50				

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Jackson County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
623E2: Rozetta-----	90	Very limited Frost action Slope Low strength	1.00 1.00 0.78	Very limited Slope Depth to saturated zone	1.00 0.15	Very limited Slope	1.00
623E3: Rozetta-----	100	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope Depth to saturated zone	1.00 0.15	Very limited Slope	1.00
623F2: Rozetta-----	90	Very limited Slope Frost action Low strength	1.00 1.00 0.78	Very limited Slope Depth to saturated zone	1.00 0.15	Very limited Slope	1.00
623F3: Rozetta-----	100	Very limited Slope Frost action Low strength Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope Depth to saturated zone	1.00 0.15	Very limited Slope	1.00
703C2: Dubuque-----	100	Very limited Frost action Low strength Depth to hard bedrock Shrink-swell	1.00 1.00 0.84 0.50	Very limited Depth to hard bedrock Too clayey	1.00 0.28	Somewhat limited Depth to bedrock	0.84

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Jackson County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
703D: Dubuque-----	95	Very limited Frost action	1.00	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to bedrock	0.84
		Low strength	1.00	Slope	0.63	Slope	0.63
		Depth to hard bedrock	0.84	Too clayey	0.28		
		Slope	0.63				
		Shrink-swell	0.50				
703D2: Dubuque-----	95	Very limited Frost action	1.00	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to bedrock	0.84
		Low strength	1.00	Slope	0.63	Slope	0.63
		Depth to hard bedrock	0.84	Too clayey	0.28		
		Slope	0.63				
		Shrink-swell	0.50				
703E: Dubuque-----	95	Very limited Frost action	1.00	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.84
		Slope	1.00	Too clayey	0.28		
		Depth to hard bedrock	0.84				
		Shrink-swell	0.50				
703E2: Dubuque-----	95	Very limited Frost action	1.00	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Low strength	1.00	Slope	1.00	Depth to bedrock	0.84
		Slope	1.00	Too clayey	0.28		
		Depth to hard bedrock	0.84				
		Shrink-swell	0.50				

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Jackson County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
703F: Dubuque-----	95	Very limited Slope	1.00	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Frost action	1.00	Slope	1.00	Depth to bedrock	0.84
		Low strength	1.00	Too clayey	0.28		
		Depth to hard bedrock	0.84				
		Shrink-swell	0.50				
712F: Schapville-----	90	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Depth to soft bedrock	0.46	Depth to bedrock	0.46
		Shrink-swell	0.50	Depth to saturated zone	0.16		
		Frost action	0.50				
749: Zwingle Variant-----	95	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	1.00	Too clayey	1.00
		Low strength	1.00				
		Frost action	0.50				
775B: Billett-----	100	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
775C2: Billett-----	100	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
799G: Dorerton-----	55	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
Lacrescent-----	35	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	0.50	Content of large stones	0.37	Content of large stones	0.84
		Content of large stones	0.37				

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Jackson County, Iowa

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
814B: Rockton-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to bedrock	0.46
		Frost action	0.50				
		Depth to hard bedrock	0.46				
		Low strength	0.22				
814C: Rockton-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to bedrock	0.46
		Frost action	0.50				
		Depth to hard bedrock	0.46				
		Low strength	0.22				
814C2: Rockton-----	95	Somewhat limited Shrink-swell	0.50	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to bedrock	0.46
		Frost action	0.50				
		Depth to hard bedrock	0.46				
		Low strength	0.22				
826: Rowley-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Low strength	1.00				
		Depth to saturated zone	0.19				
903C2: Frankville-----	100	Very limited Frost action	1.00	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to bedrock	0.46
		Low strength	1.00	Too clayey	0.28		
		Shrink-swell	0.50				
		Depth to hard bedrock	0.46				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
903D2: Frankville-----	100	Very limited Frost action	1.00	Very limited Depth to hard bedrock	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to bedrock	0.46
		Slope	0.63	Too clayey	0.28		
		Shrink-swell	0.50				
		Depth to hard bedrock	0.46				
914C2: Winneshiek-----	95	Somewhat limited Frost action	0.50	Very limited Depth to hard bedrock	1.00	Somewhat limited Depth to bedrock	0.46
		Depth to hard bedrock	0.46	Too clayey	0.28		
914D2: Winneshiek-----	95	Somewhat limited Slope	0.63	Very limited Depth to hard bedrock	1.00	Somewhat limited Slope	0.63
		Frost action	0.50	Slope	0.63	Depth to bedrock	0.46
		Depth to hard bedrock	0.46	Too clayey	0.28		
926: Canoe-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
930: Orion-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	0.19
		Depth to saturated zone	0.19				

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Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
930B: Orion-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	0.19
		Depth to saturated zone	0.19				
938D2: Newglarus-----	95	Very limited Frost action	1.00	Very limited Too clayey	1.00	Somewhat limited Slope	0.63
		Low strength	1.00	Slope	0.63	Depth to bedrock	0.46
		Shrink-swell	1.00	Depth to soft bedrock	0.46		
		Slope	0.63				
938E: Newglarus-----	95	Very limited Frost action	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Too clayey	1.00	Depth to bedrock	0.46
		Shrink-swell	1.00	Depth to soft bedrock	0.46		
		Slope	1.00				
938E2: Newglarus-----	95	Very limited Frost action	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Too clayey	1.00	Depth to bedrock	0.46
		Shrink-swell	1.00	Depth to soft bedrock	0.46		
		Slope	1.00				
939D: Donatus-----	50	Very limited Frost action	1.00	Very limited Depth to hard bedrock	1.00	Somewhat limited Slope	0.63
		Shrink-swell	1.00	Too clayey	1.00	Depth to bedrock	0.46
		Low strength	1.00	cutbanks cave	0.90		
		Slope	0.63	Slope	0.63		
		Depth to hard bedrock	0.46				

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Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Rollingstone-----	40	Very limited Low strength Slope Shrink-swell Frost action	 1.00 0.63 0.50 0.50	Very limited Too clayey cutbanks cave Slope	 1.00 0.90 0.63	Somewhat limited Slope	 0.63
939D2: Donatus-----	50	Very limited Frost action Shrink-swell Low strength Slope Depth to hard bedrock	 1.00 1.00 1.00 0.63 0.46	Very limited Depth to hard bedrock Too clayey cutbanks cave Slope	 1.00 1.00 0.90 0.63	Somewhat limited Slope Depth to bedrock	 0.63 0.46
Rollingstone-----	40	Very limited Low strength Slope Shrink-swell Frost action	 1.00 0.63 0.50 0.50	Very limited Too clayey cutbanks cave Slope	 1.00 0.90 0.63	Somewhat limited Slope	 0.63
939E2: Donatus-----	50	Very limited Frost action Shrink-swell Slope Low strength Depth to hard bedrock	 1.00 1.00 1.00 1.00 0.46	Very limited Depth to hard bedrock Slope Too clayey cutbanks cave	 1.00 1.00 1.00 0.90	Very limited Slope Depth to bedrock	 1.00 0.46
Rollingstone-----	40	Very limited Slope Low strength Shrink-swell Frost action	 1.00 1.00 0.50 0.50	Very limited Too clayey Slope cutbanks cave	 1.00 1.00 0.90	Very limited Slope	 1.00
939F: Donatus-----	50	Very limited Slope Frost action Shrink-swell Low strength Depth to hard bedrock	 1.00 1.00 1.00 1.00 0.46	Very limited Depth to hard bedrock Slope Too clayey cutbanks cave	 1.00 1.00 1.00 0.90	Very limited Slope Depth to bedrock	 1.00 0.46

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Rollingstone-----	40	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	0.50	cutbanks cave	0.90		
		Frost action	0.50				
939F2: Donatus-----	50	Very limited Slope	1.00	Very limited Depth to hard bedrock	1.00	Very limited Slope	1.00
		Frost action	1.00	Slope	1.00	Depth to bedrock	0.46
		Shrink-swell	1.00	Too clayey	1.00		
		Low strength	1.00	cutbanks cave	0.90		
		Depth to hard bedrock	0.46				
Rollingstone-----	40	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Too clayey	1.00		
		Shrink-swell	0.50	cutbanks cave	0.90		
		Frost action	0.50				
941G: Medary Variant-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00	Depth to saturated zone	0.35		
		Shrink-swell	1.00	Too clayey	0.28		
		Frost action	0.50				
976B: Raddle-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	0.78				
978B: Festina-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
981B: Worthen-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				

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Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
981C: Worthen-----	100	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
1119: Muscatine-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Very limited Depth to saturated zone	0.95	Not limited	
1160: Walford-----	95	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
1291: Atterberry-----	95	Very limited Frost action Low strength Shrink-swell Depth to saturated zone	1.00 1.00 0.50 0.19	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
1490: Caneek-----	95	Very limited Depth to saturated zone Frost action Flooding Low strength	1.00 1.00 1.00 0.22	Very limited Depth to saturated zone Flooding	1.00 0.80	Very limited Flooding Depth to saturated zone	1.00 1.00
1587: Dolbee-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60

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Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1587B: Dolbee-----	100	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.80	Very limited Flooding Depth to saturated zone	1.00 1.00
4000: Urban Land-----	100	Not rated		Not rated		Not rated	
5010: Pits, Sand And Gravel-----	100	Not rated		Not rated		Not rated	
5030: Pits, Limestone Quarry-----	100	Not rated		Not rated		Not rated	
5040B: Orthents-----	90	Not rated		Not rated		Not rated	
W: Water-----	100	Not rated		Not rated		Not rated	